

## AMENDED CLAIMS

1. (currently amended) A Fischer-Tropsch process for the conversion of carbon monoxide and hydrogen to C<sub>5</sub><sup>+</sup> hydrocarbon mixtures in which process use is made of comprising contacting carbon and hydrogen with Fischer-Tropsch catalyst particles and fluid catalytic cracking catalyst particles.
2. (currently amended) The Process according to of claim 1 wherein a reaction mixture of carbon monoxide and hydrogen is contacted with the Fischer-Tropsch catalyst particles and fluid catalytic cracking catalyst particles.
3. (currently amended) The Process according to of claim 2 wherein the Fischer-Tropsch catalyst particles and the fluid catalytic cracking catalyst particles are dosed individually to the reaction mixture.
4. (currently amended) The Process according to of claim 3 wherein the Fischer-Tropsch catalyst particles and the fluid catalytic cracking catalyst particles are dosed at different rates.
5. (currently amended) The Process according to of claim 2, wherein the Fischer-Tropsch catalyst particles and fluid catalytic cracking catalyst particles are used in the form of shaped bodies in which both particles are embedded.
6. (currently amended) The Process according to of claim 1 wherein the Fischer-Tropsch catalyst particles are used in the second step of the Fischer-Tropsch process and the fluid catalytic cracking catalyst particles are used in the third step of the Fischer-Tropsch process.

7. (currently amended) The Pprocess according to any one of the preceding claim 1s wherein the Fischer-Tropsch catalyst particles comprise iron.
8. (currently amended) The Pprocess according to any one of the preceding claims 1 wherein the Fischer-Tropsch catalyst particles comprise cobalt.
9. (currently amended) The Pprocess according to any one of the preceding claims 1 wherein the fluid catalytic cracking catalyst is a spent or equilibrium fluid catalytic cracking catalyst.
10. (currently amended) The Pprocess according to any one of the preceding claims 1 wherein a metal compound has been deposited on the fluid catalytic cracking catalyst.